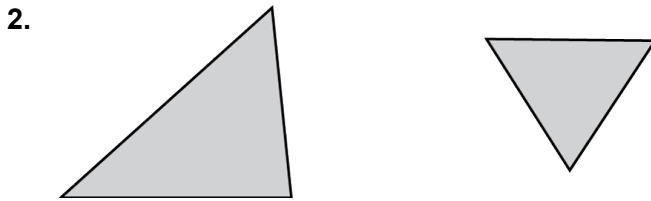
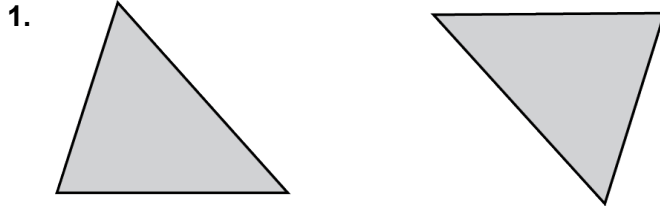
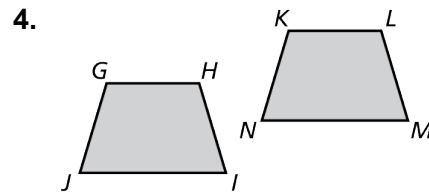
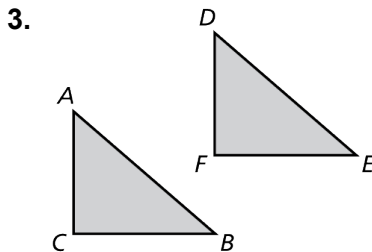


2.1 Practice A

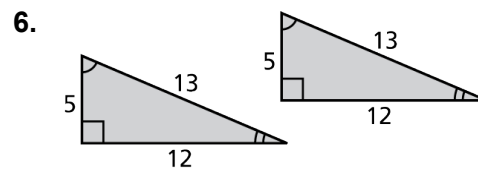
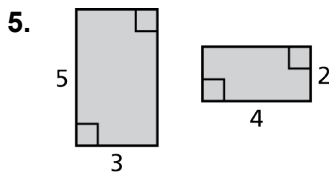
Tell whether the triangles are *congruent* or *not congruent*.



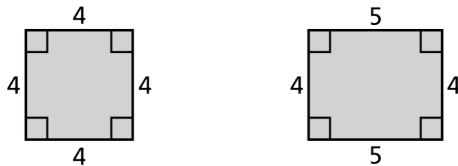
The figures are congruent. Name the corresponding angles and the corresponding sides.



Tell whether the two figures are congruent. Explain your reasoning.



7. Describe and correct the error in telling whether the two figures are congruent.



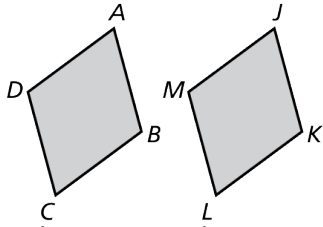
Both figures have four sides and corresponding angle measures are equal. So, they are congruent.

8. Can two polygons be congruent if one has a right angle and the other does not? Explain.

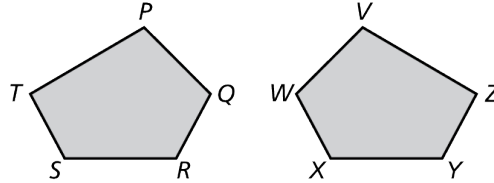
2.1 Practice B

The figures are congruent. Name the corresponding angles and the corresponding sides.

1.

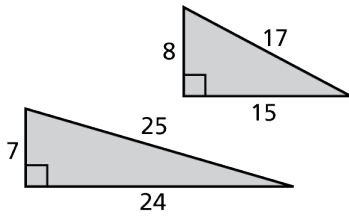


2.

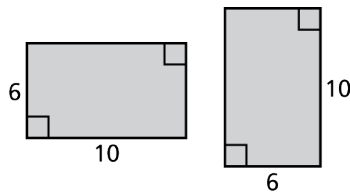


Tell whether the two figures are congruent. Explain your reasoning.

3.

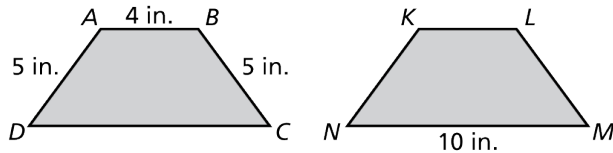


4.



5. The figures are congruent.

- What is the length of side CD ?
- Which angle of $KLMN$ corresponds to $\angle B$?
- What is the perimeter of $ABCD$?



6. The pentagons are congruent. Determine whether the statement is *true* or *false*. Explain your reasoning.

- $\angle B$ is congruent to $\angle C$.
- Side MN is congruent to side AE .
- $\angle B$ corresponds to $\angle O$.
- Side BC is congruent to side PO .
- The sum of the angle measures of $LMNOP$ is 540° .
- The measure of $\angle B$ is 120° .

